Operation Guide for LCD Advertising Player
## DS-070, DS-104, DS-121, DS-154, DS-201

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Ⅰ. Friendly Warning

Dear users, thank you for your choice of our LCD advertising player series product. For your safety and benefit, prior to formal operation, please read this operation instruction with care so as to be familiar with the right operation procedures and equipment requirements to ensure long-term and stable operation of LCD advertising player.

Ⅱ. Product Function Brief Introduction

- Multi language support, such as Chinese, English, Russian, Korean etc. some another Europe languages would be supported later.
- Support Resume Memory Function.
- Support YPBPR, RGB output.
- Support 480I, 480P, 720P output.
- Support to play 16 kinds of pictures.
- Support calendar, week, day, time mode, max 5 timers each day.
- Support Rolling txt on the screen.
- Support Logo Display on the screen.
- Support volume variation in each time scale.
- Support horizontal and Vertical UI Function.
- Support CF card slot, SD card slot, USB2.0 port and mini USB port at one unit.
- Support File auto-copying function via USB port.
- Support hand programming play lists, saved in Memory.
- Support OSD press-key Locking function.
- Support Remote Controller Function.
- Support CF Card password function.
- Support ISDN Scan and play (single software, module is not added to General Board)
- Support Touch-screen playing list.
- Support record saving function.
- Supports Sub-screen or small window play (single software, not added to General Board).
- Support spots playing function.
- Support to player picture against music function.
- Support flash card memory capability from 64MB to 16GB.
- Support Locking system for anti-thieves, prevented storage devices from being stolen.
- Support Power Supply: DC 6V-36V, normally, it is 12V or 24V.
- Support to build-in stereo speaker (rated power: 2 x 5W and audio amplifier function (Max. rated power: 2 x 50W).
- Support File Format: MP4 (AVI: DIVX/XVID), MPG2 (DVD: VOB/MPG2), MPEG1 (VCD: DAT/MPG1), MP3, JPG etc.

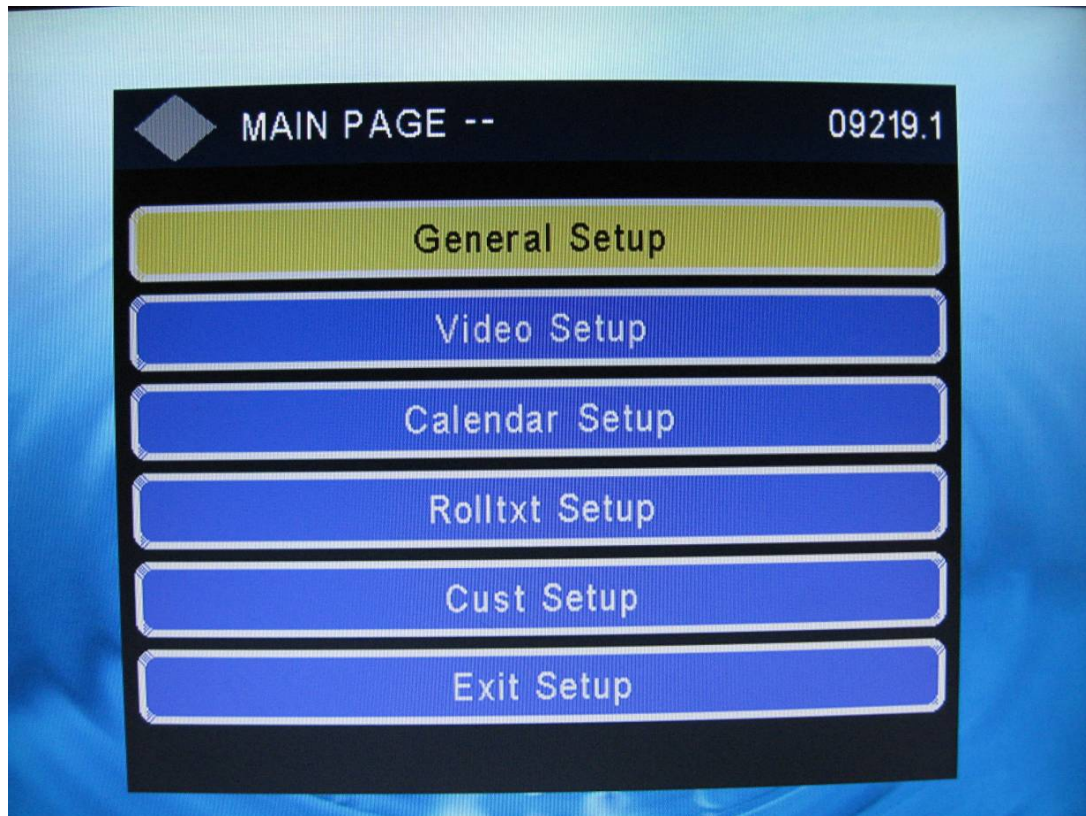Ⅲ. Photos for LCD advertising Player series
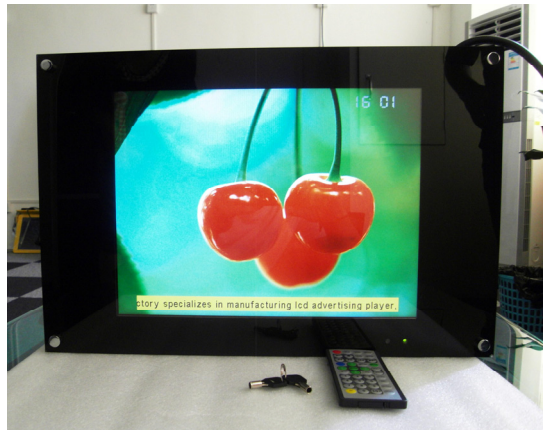
DS-104B

DS-121

DS-201

Ⅳ. How to Operate LCD Advertising Player

1. General Setup

General Setup Page

OSD Language

Supports Chinese and English, Russian etc. some another Europe languages would be supported later Default is Chinese.

Auto Play

ON/OFF（Default: on）

Resume

Select the time interval 3s、4s、6s、8s、10s or off（Default: off）

Photo + Music
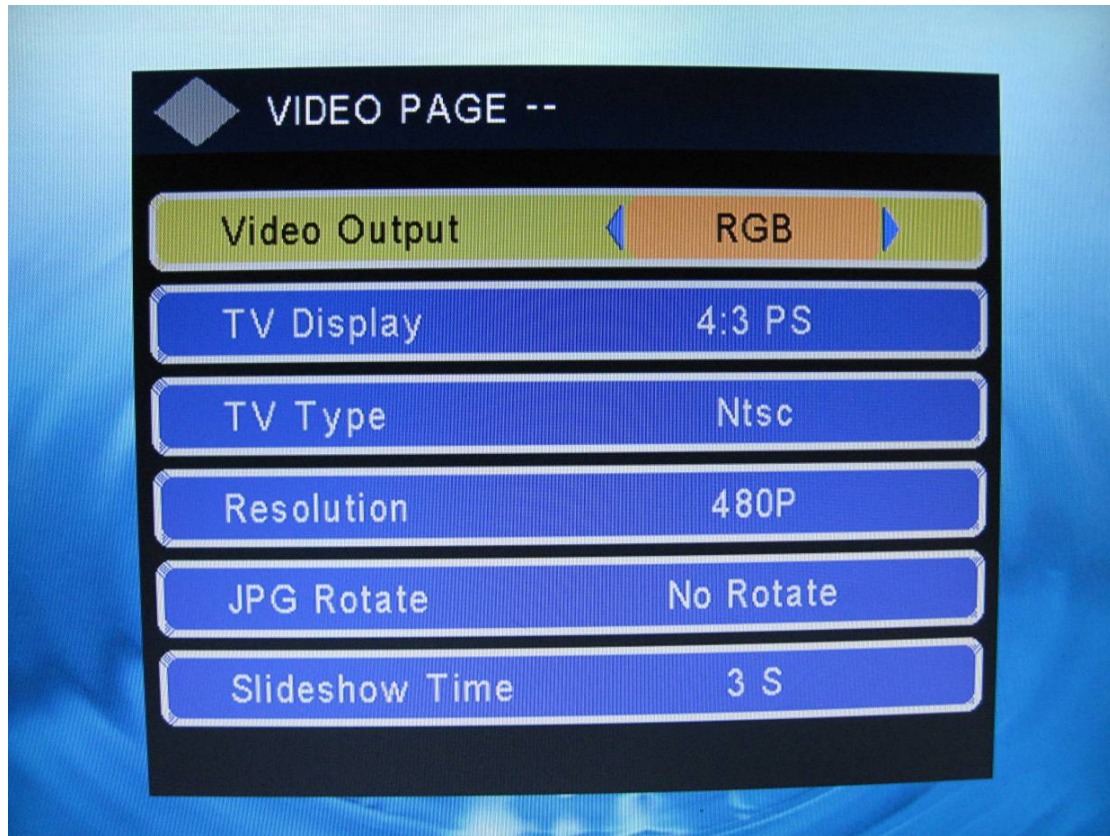
On/off（Default: off）

Default

Reset to defaults

Main Page

Hightlight "Main Page", Press "ENTER"and return Main Page，press UP/DOWN key to move the cursor

2. Video Page

Video Page

Video Output
RGB or YPBPR output (Default: RGB)
TV Display
4:3 PS，4:3LB ，Wide   (Default: 4:3PS)
TV Type
NTSC, PAL, Auto (Default: NTSC)
Resolution
480P、720P、480I   (Default:480P)
JPG Rotation
No Rotation、Rotation 90、Rotation 180、Rotation 270、HOR Flip、VER Flip (Default：
No Rotation)
Slideshow Time
Slideshow time（1，3，5，8，10，15，20，25s）,default is 3s
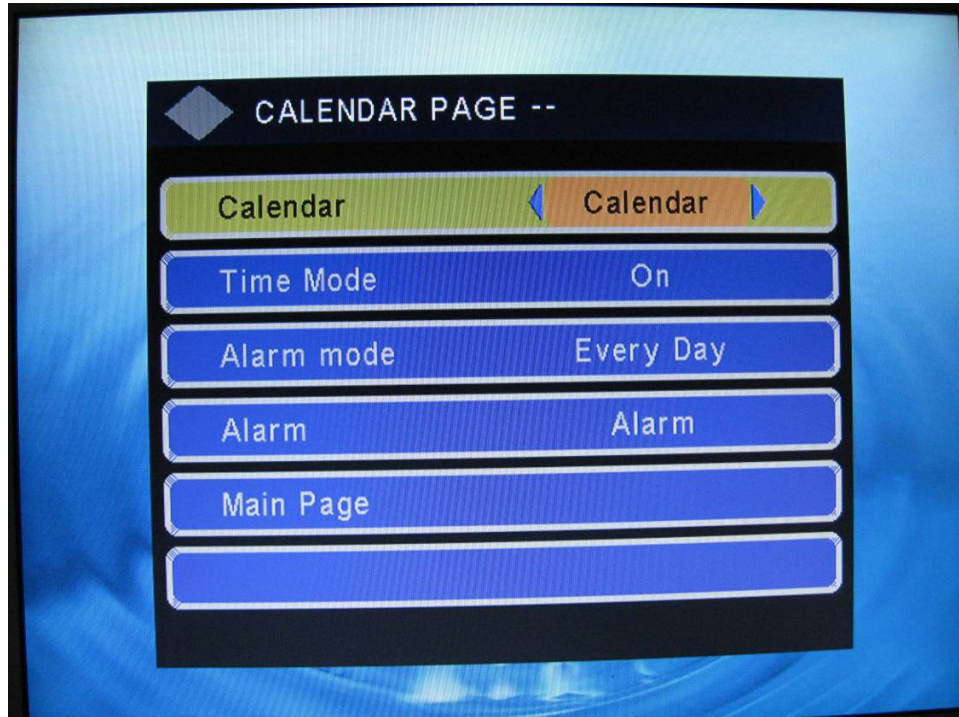**Slideshow Mode**
Normal，T->B, B->T, T/B->C, C->T/B, BLD:T->B, L->R, R->L, L/R->C, C->L/R,
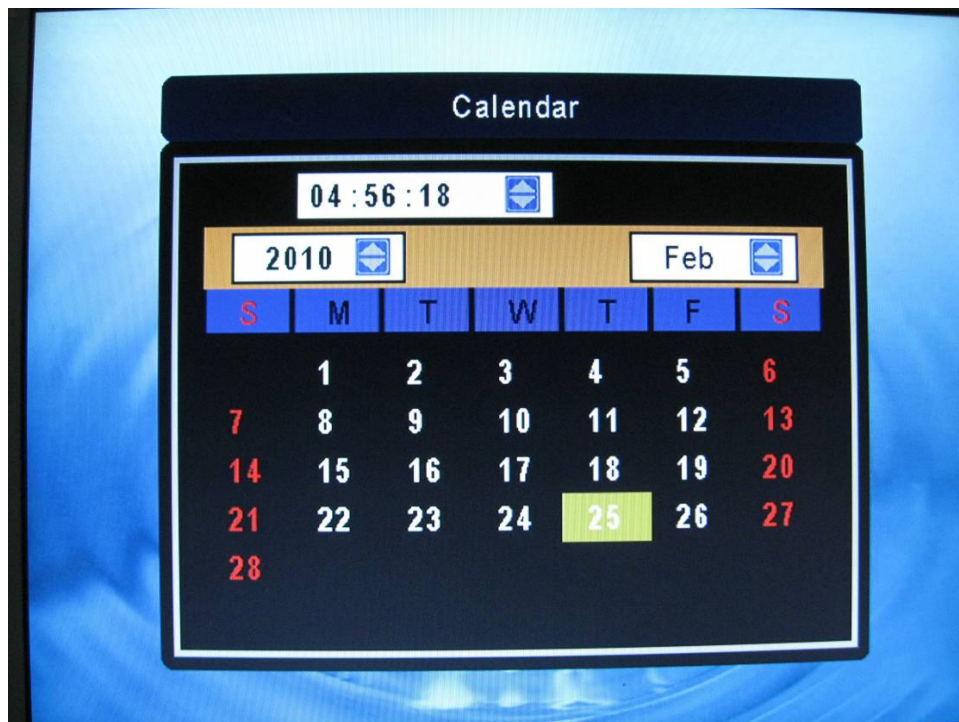Implode，BLD:L->R, FADE, Random (Default: Normal)

Main Page

Hightlight "Main Page", Press "ENTER"and return Main Page

3. Calendar Setup

CALENDAR PAGE

Calendar Setup

Supports from 2000 to 2099, press LEFT/RIGHT and set the calendar

Press LEFT/DOWN/PREV/NEXT to move the cursor，press PREV/NEXT to switch between Year, Month, Date and time

Press UP/DOWN key and change the time

Press ENTER to save the setting

Time Mode

Three mode: On, Only stop, Off Mode (Default: On),the Time mode displays at right-up corner of the UI

Alarm Mode

Supports different or same setting for 7 days in a week，two modes for every day and every week (Default: Every Day)
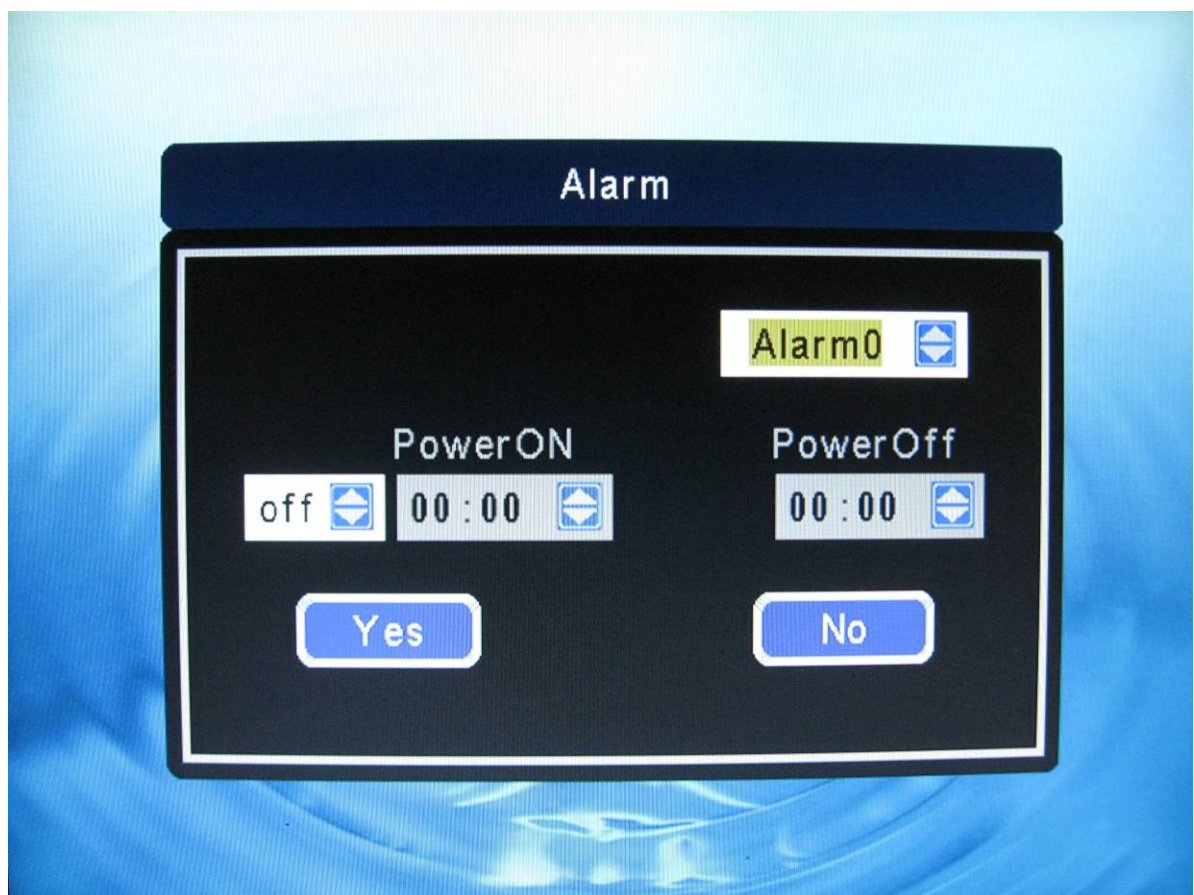
Alarm

Supports 5 times alarm for every day. Each alarm can On/Off separately. The system will only choose the first alarm legal

Do not make time alarm overlapped

Press LEFT/DOWN/PREV/NEXT to move the cursor

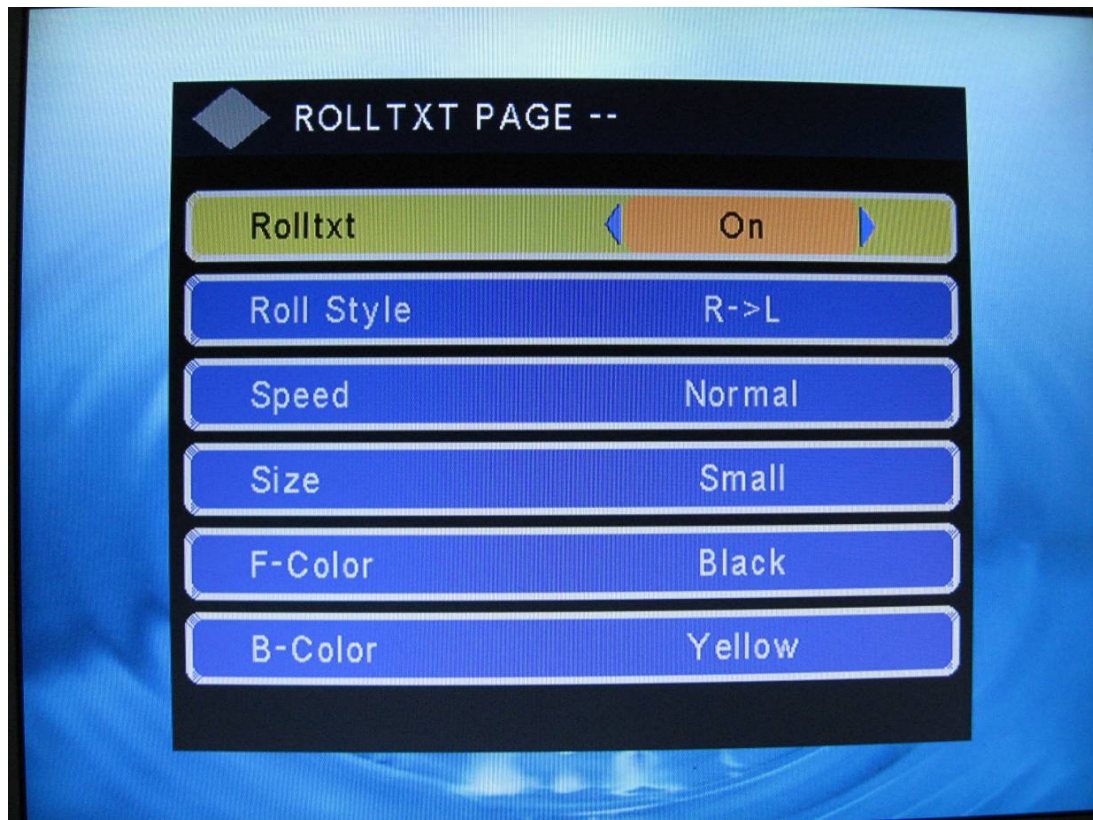Press UP/DOWN key and set the time，the times of Alarm，Power On and Power Off

Alarm

Main Page

Hightlight "Main Page", Press "ENTER"and return Main Page.

4. Roll.txt Setup

ROLLTXT PAGE

Rolltxt

On/Off（Default: On）

Roll Style

Support three different roll styles such as R->L,D->U, Fade, L->R

The default style is R->L

Speed

Normal, Fast, Slow

The default style is Normal

Size

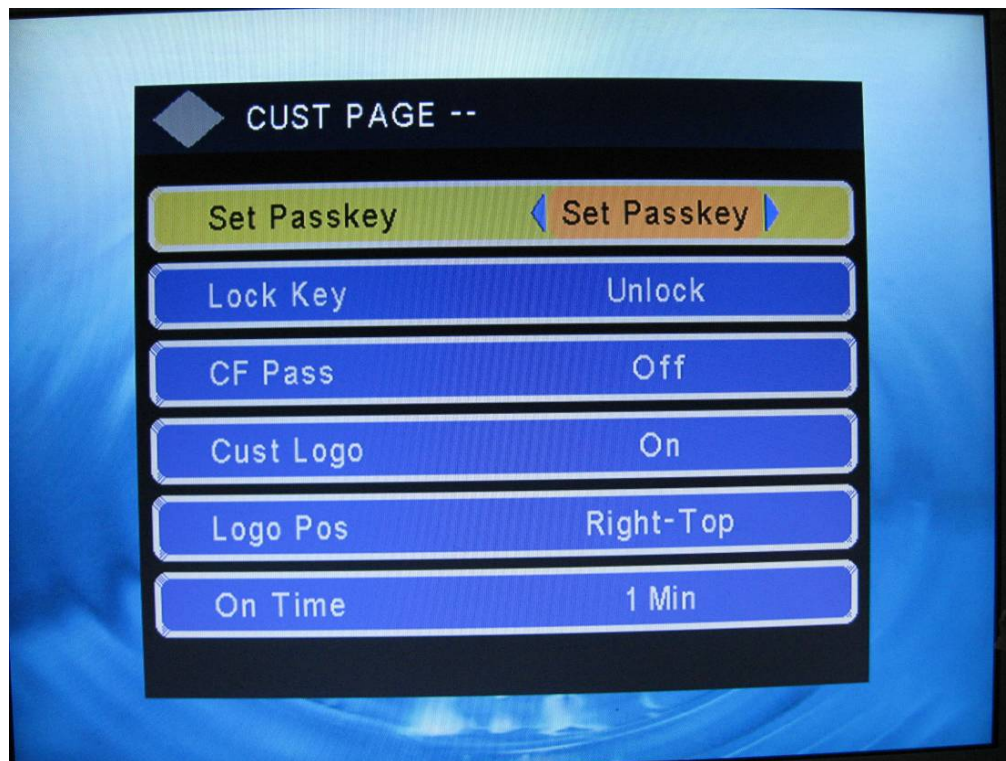Small, Normal, Big

The default size is small

F-Color

Support different foreground colors such as Black, Blue, Yellow, Red, Grey, Magenta, White

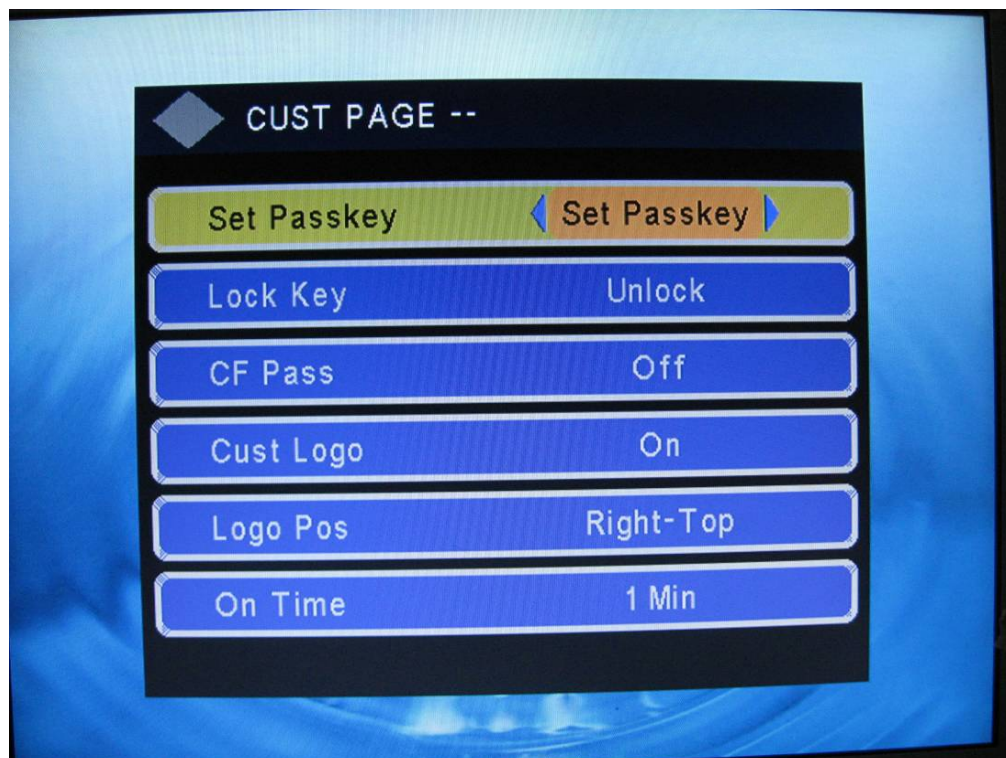The default F-color is Black

B-Color

Support different background colors such as Yellow, Red, Grey, Magenta, Trans, H-Trans, White, Black and Blue.

The default B-Color is Yellow

5. Customize Setup

－－**CUST PAGE**－－

CUST PAGE1

CUST PAGE 2

CUST PAGE needs two pages to display

Set Passkey

Support 8 bits passkey setting, after the setup, the Passkey will be required when enter the menu next time; Do not input any number and press the OK key will clear the passkey.

Set Passkey

Lock Key

Support Unlock, Lock. when choosing Lock, Some keys will be locked: SETUP to input when in playing mode; PLAY, PAUSE, ENTER, BGM, UP, DOWN, LEFT, RIGHT, SETUP, POWER can be pressed when in stop mode

Default: Lock

CF Pass

If the different contents in CF Card, the password will be required before the playing, it is only valid for CF Card, the default password is

"UP,DOWN,LEFT,RIGHT,UP,DOWN,LEFT,RIGHT，SETUP"

Default: Off

Cust Logo

The default is On, please refer to the details latter

Logo Pos

Logo Position: Right-Top, Left-Top

Default: Right-Top

On Time

The flash time for the logo displaying（0.5， 1， 1.5， 2， 2.5， 3， 3.5， 4，4.5， 5，5.5， 6， 6.5， 7， 7.5min）

Default: 1min

Off time

The disappear time after the logo displaying（0.5， 1， 1.5， 2， 2.5， 3， 3.5， 4，4.5，
5， 5.5， 6， 6.5， 7， 7.5min）

Default: 1min

Time Volume

Four different groups can be set; the user can set the start time and the volume

Record

On/Off（Default: Off）

Generate a file each day. it contains the start time, end time and total times for each file

– A file for each day, the file will be named by "Year Month Day .HHH"，E.G,
"20080808.HHH", it can be opened by notebook

– The format of the content：

date: 20090130 start time: 07:25:27 file: 002.MPG

end time: 07:25:42 total: 15 Seconds

date: 20090130 start time: 07:25:42 file: 003.MPG

date: 20090130 time: 07:25:57 system stop!!!

date: 20090130 start time: 07:25:58 file: 003.MPG

end time: 07:26:00 total: 2 Seconds

Record time，Start time, file name, end time, total time ,and the time of pressing "STOP" bye
user

Record Save

The records can be saved in　5days、7days、10days、15days、20days、25days（Default:5days）

UI Style

Horizontal, Vertical　（Default: Horizontal）
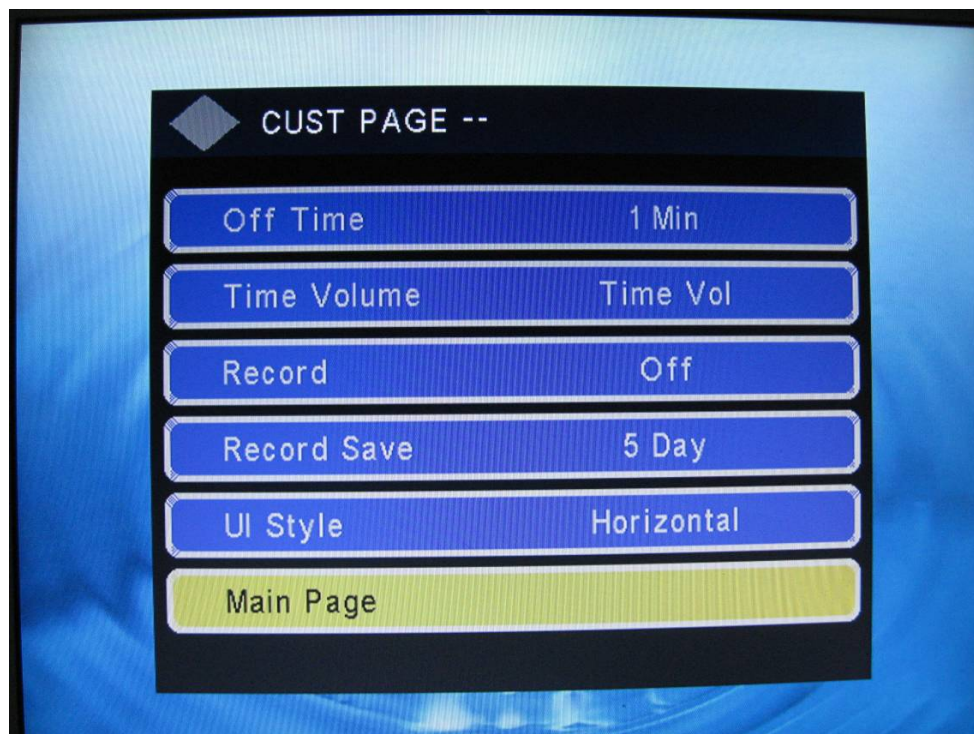
UI Style——Horizontal

Main Page

Hightlight "Main Page", Press "ENTER"and return Main Page，press UP/DOWN key to move the cursor

6. On Roll.txt File Making---

-The file name must be named "ROLLTXT.ROL".

Note: The name must be capitalization.

-Can support about 1000 Chinese words

-As a text file, the first line of the roll title file must be numbers, which mean the rolling-title's time interval(Unit: s),for example,"20"means rolling after 20s .For there are many roll styles such as from up to down, but except in the "from right to left" style，it's required that the total file must be divided into several sentence using "\".After finish it using notebook, change the file name to "ROLLTXT.ROL".

7. On Logo Making and LOGO File---

-The file name must be "TAIBIAO.LOG", and each character should be capitalized

- The size of LOGO is W x H（100x32）, 256color, index mode is BMP，

- It should use the particular Color-disc （ESS256_FULL.act）

- The program will be changed if the size is changed

LOGO making

Open picture using Photoshop, make the size to 100 x 32pixes, set "Picture" - "Mode" - "Index Color" - "Palette" - "custom"- "load" - "ESS256_FULL.act", then save it to BMP style, at last change the file name to TAIBIAO.LOG

8. Playing List----

The file name must be "PLAYLIST.XML", and each character should be capitalized.

Support multi group lists, every group can play in the predefined times.

The playing times of each file can be predefined.

For picture style file, the play mode and time can be predefined.

The volume for the file with the audio can be predefined .

Write play list using xmlEditor.exe

Each group can support 80 files

When choosing group, it's only judge the first legal time, so don't set the times overlapped

When resume broken memory is ON, the play list is uselessness due to the two functions is conflicted.

9. Hand programming----

The remote control can be used for hand programming .it can support 8 time scales, 100 files. The amount of all the files in the 8 time scales is 100, the amount files in single time scale can not greater then 100, when the program is over, the file lists are saved in the current memory equipment

It is not allowed to save the lists to B equipment (SD) after programming for the A equipment (CF CARD). The program details are as follows:

a. Press "STOP" button, to quit the play mode, and wait for the file lists.

b. Press "PROG" button, popup the "time scales programming interface", there are at least one time scale is valid. When both the start time and stop time is 0, the default mode is only one time scale

c. Choose the files, press the PROG, enter the file adding interface, For the picture file ,it can be choose the play mode ,time and the number of timers.; For the audio file, it can be choose volume and the number of times, the default play time is once, the volume is max.

d. After adding the files, press STOP button, the file lists would be saved to memory. If the storing is success, the system alarms the user to restart.

NOTE：If the hand programming file's name is same as the file name on PC, the origin file would be overwritten.

● Bright, Contract, Cint Color

It can be worked only in VGA and YPBPR; and it can be adjust in the stop mode
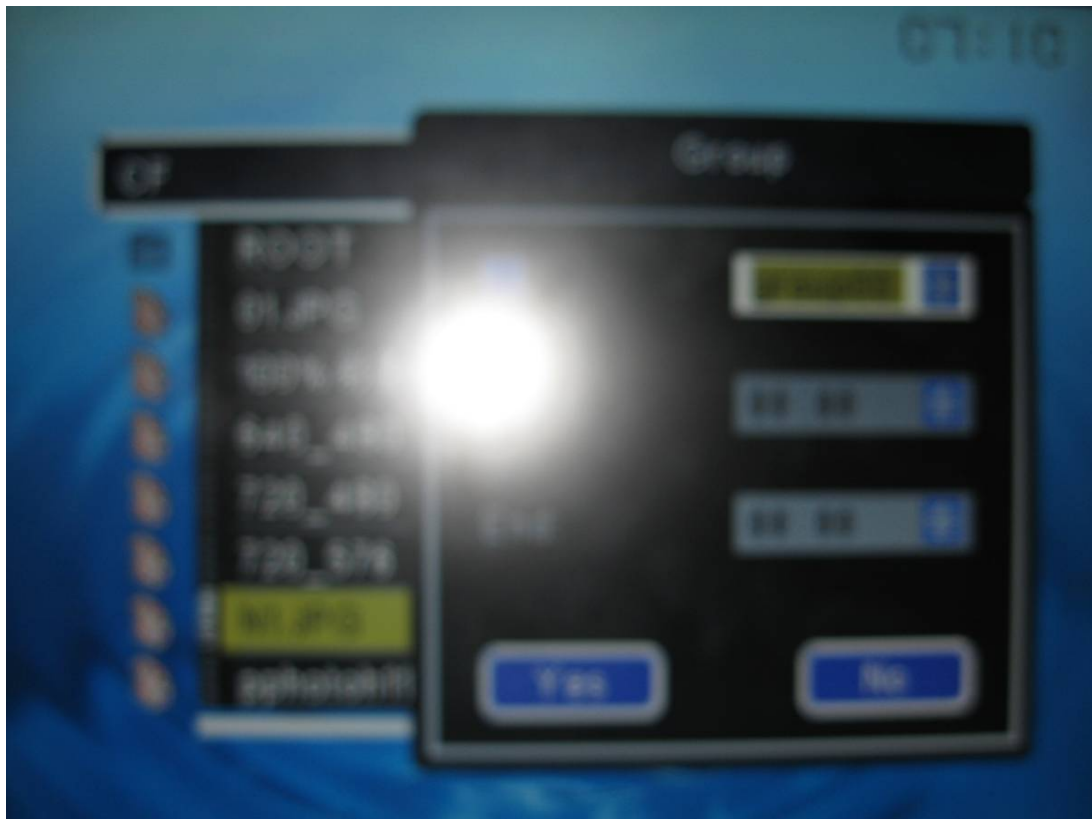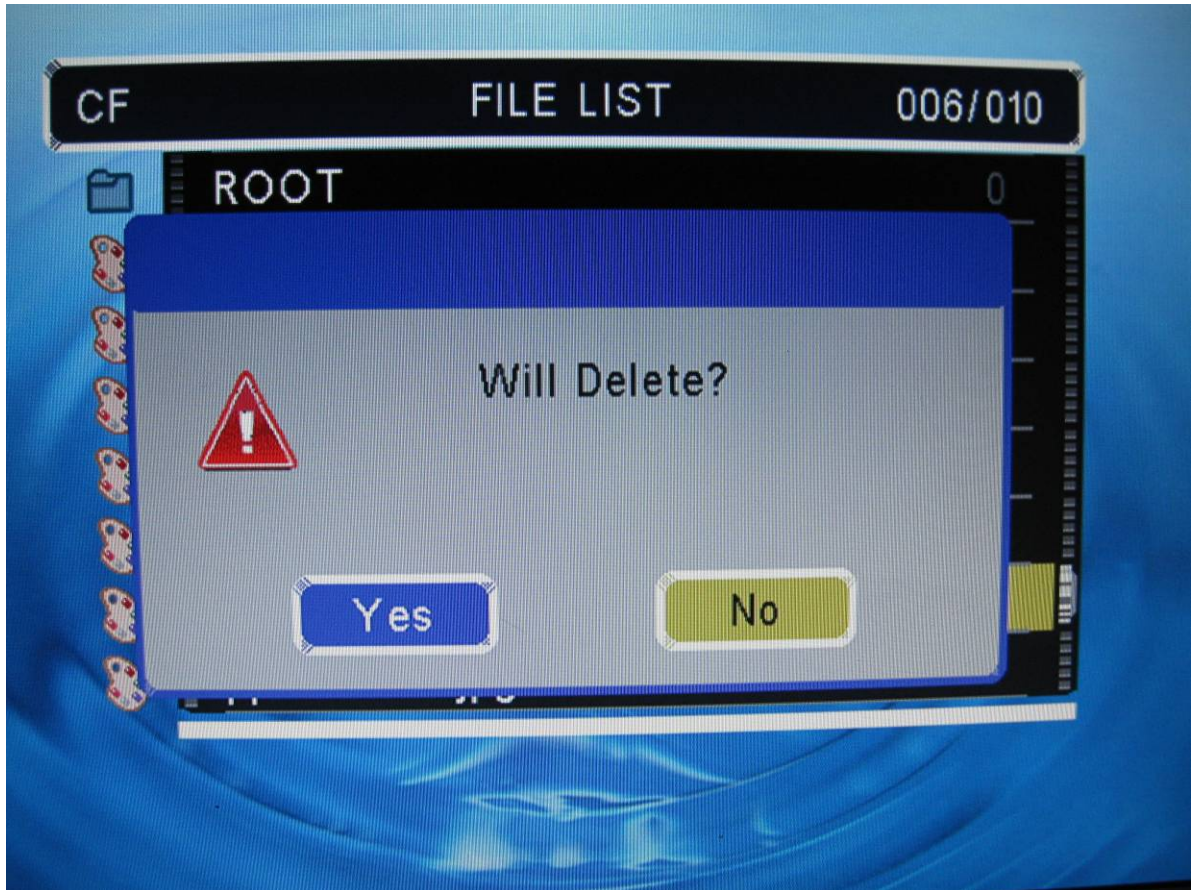
Hand Programming

Program OK (press "确定")

- Clean EEPROM

Without inserting any card, press "UP, LEFT, RIGHT, DOWN, UP, LEFT, RIGHT, DOWN" Continuously, it will reset EEPROM, restore the setup.

- Delete file using one button

Press DEL button, delete the chosen file.，

<p align="center" style="color:blue">One key Delete</p>

- Auto USB file update －－
  - Support LOGO update
  - Support rolling-title file update
  - Support adding update file(he remote control need not use if the ZZZ.CFG in the card)
  - Support overwritten update file completely（the remote control need not use if the ZZZ.CFG in the card）
  - Don't support to judge file for added updating one.
- ISDN Scan and Input－－

Touch channel play lists

<programe>
<open="xxx.avi">
<title="xxx.jpg">
<sx="0" sy="0" ex="100" ey="100" type="1" file="08.avi" interval="3" mode="2" repeat="1"/>

<sx="100" sy="0" ex="200" ey="100" type="2" file="folder"/>
<sx="0" sy="100" ex="100" ey="200" type="3"/>
<sx="100" sy="100" ex="200" ey="200" type="4"/>
</programe>

<open="xxx.avi"> "xxx.avi" means Loop play file when POWER on
<title="xxx.jpg"> "xxx.jpg"means it can be jump to the picture when touch any point on the screen，press the picture, the corresponding movie source will play. sx="0" sy="0" ex="100" ey="100"means the touch square, it's a square or rectangle 's diagonal coordinate ,the smaller value is in the front, the larger one is in he following place, or else there would be no response
The coordinate can be get online, Press Stop first ，then press Left button 5 times ,after that press Right button 5 times, the TOUCH PANNEL test mode will appear. Press the corresponding coordinate, after testing, restart the unit, the unit will enter the normal mode
file="08.avi"means the playing file
type="?"， 1－File， 2－Sub-root，3－Pre-root，4－root
Note：In the root, there are no pre-root, so don't appear type="3"in this situation
When in the deepest sub-root, no its sub-root anymore, so don't use type="2" in this situation

IDSN SCAN

Support input IDSN information from Uart port，the file is defined to ISDN in the unit.

The default status is Continuously play predefined file(named 0000 now) when power on, if the ISDN input ,it will check the file exist or not ，if exist, the file will play, after play it, continue to play the predefined file（file name :0000)，if it is not exit, the unit will continue play the predefined file, the file name will be change to the ISDN (eg: 6932310400079.AVI）

The ISDN can be read in any time.

Note: Don't support sub-root.

Best Picture Resolution Setup

Video Output	Resolution	System	Picture Ratio
YPBPR	480P	N	640 X 480
YPBPR	720P	N	1280 X 720
VGA	480P	N	640 X 480
VGA	720P	N	1280 X 720
AV	480I	N	720 576

10.On Remote Controller Key Explains

－－ **Remote control key Explains** －－


Remote Control

 POWER ON/OFF

 File List

 In file mode, Press "DISP", display the properties of the file
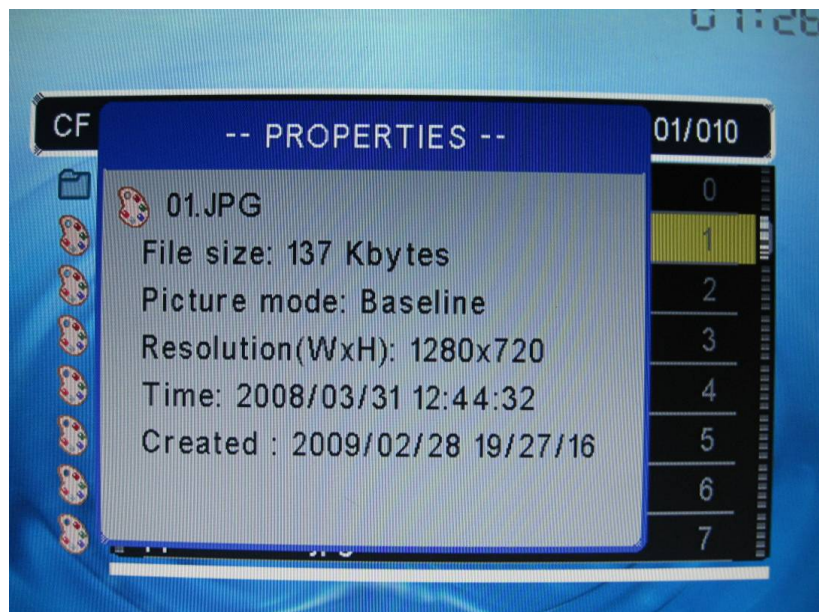
File Properties

MODE	Rep-One、Repeat OFF, Rep all (Default: Rep all）
▶II	Pause
■	Stop
◀◀	Fast Playback 2×, 4×, 6×, 8×
▶▶	Fast Play-forward 2×, 4×,6×, 8×
I◀◀	Return to Previous music file, Photo or video file
▶▶I	Advance to the next music file, Photo or video file
BGM	Evoke Background Music
ZOOM	ZOOM IN /ZOOM OUT
SETUP	Evoke the system SETUP
RETURN	Return to Device Select
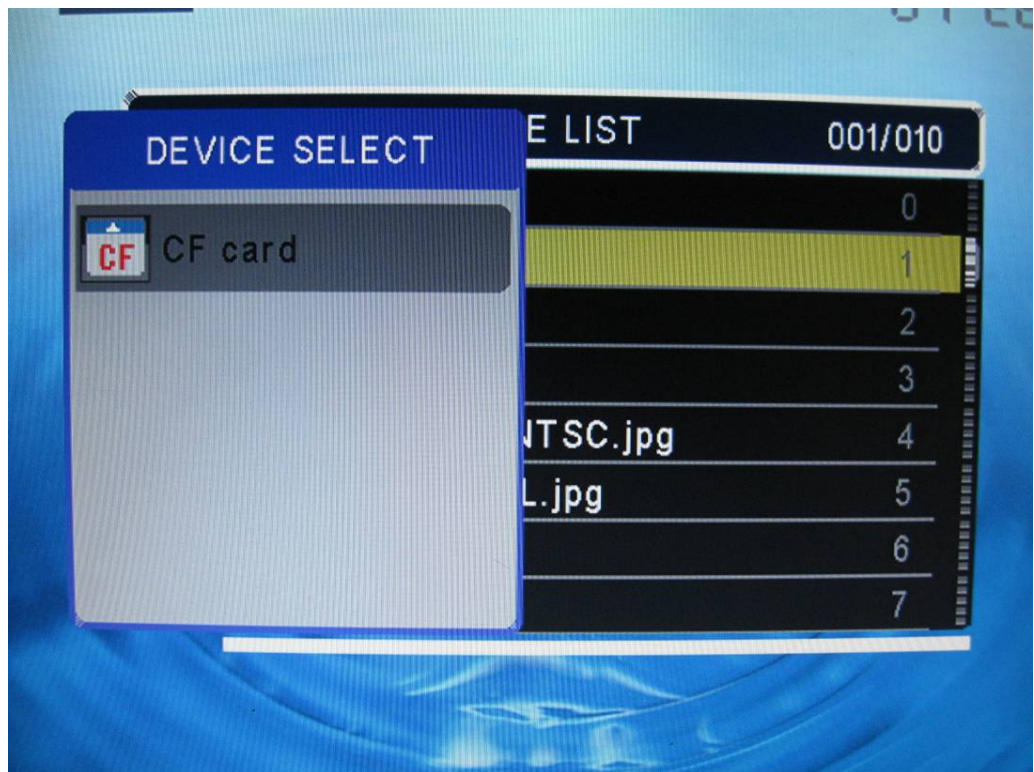
Device Select

MUTE — Mute the sound

VOL- — Volume Down

VOL+ — Volume Up

BCC — Bright，Contract，Color

EQ

↑ — move the cursor up or revolve picture up and down

← — move the cursor down or revolve picture right and left

ENTER — Enter Button

→ — move the cursor right or revolve picture clockwise

↓ — move the cursor left or revolve picture

1~10 — Number Button

COPY — Copy the file

DEL — Delete the file

AUDIO — Switch between different AUDIO Mode

AV

⬭ — Program the play list

VIDEO — Switch between 480P、480I、720

Ⅴ. Product Packing list and Accessories

1units LCD advertising player + 1pcs Remote controller + 2pcs Key

Ⅵ. Warranty

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